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PTO/SB/21 (09-04)

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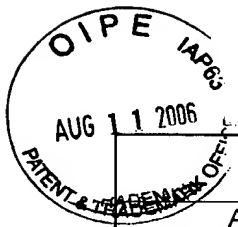
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/669424-Conf. #4031	
	Filing Date	September 25, 2000	
	First Named Inventor	Doran J. Holan	
	Art Unit	2145	
	Examiner Name	P. L. Winder	
Total Number of Pages in This Submission	15	Attorney Docket Number	M1103.70165US00

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply (Ex Parte Quayle)  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Amendment Transmittal Return Receipt Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	WOLF, GREENFIELD & SACKS, P.C.		
Signature	<i>Randy J. Pritzker</i>		
Printed name	Randy J. Pritzker		
Date	8-8-06	Reg. No.	35,986

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop AFt, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: 8/8/06	Signature: <i>Janet D'Annunzio-Ellis</i> (Janet D'Annunzio-Ellis)

**AMENDMENT TRANSMITTAL LETTER**Docket No.  
M1103.70165US00Application No.  
09/669424-Conf. #4031Filing Date  
September 25, 2000Examiner  
P. L. WinderArt Unit  
2145

Applicant(s): Doran J. Holan et al.

Invention: REPRESENTING A SERVICE DISCOVERY STREAM AS AN N-ARY TREE

**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	23	- 23 =	0	x	0.00
Independent Claims	4	- 4 =	0	x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00

- ☒ Large Entity ☐ Small Entity
- ☒ No additional fee is required for this amendment.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.
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- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 23/2825 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Randy J. Pritzker  
Attorney/Agent Reg. No.: 35,986Dated: 8-8-06WOLF, GREENFIELD & SACKS, P.C.  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2206  
(617) 646-8000**Certificate of Mailing Under 37 CFR 1.8(a)**

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Dated: 8/8/06

Signature: (Janet D'Annunzio-Ellis)



Docket No.: M1103.70165US00  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Doran J. Holan et al.  
Serial No.: 09/669424  
Confirmation No.: 4031  
Filed: September 25, 2000  
For: REPRESENTING A SERVICE DISCOVERY STREAM AS AN  
N-ARY TREE  
Examiner: P. L. Winder  
Art Unit: 2145

**Certificate of Mailing Under 37 CFR 1.8(a)**

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Dated: 8/8/06

*Janet D'Annunzio-Ellis*  
Janet D'Annunzio-Ellis

**AMENDMENT IN RESPONSE TO EX PARTE QUAYLE ACTION**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the *Ex Parte Quayle* Action dated June 9, 2006, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing beginning on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.